

Source Specific Station Corrections (SSSCs) for IMS Seismic Stations in North Africa, Middle East and Western Asia

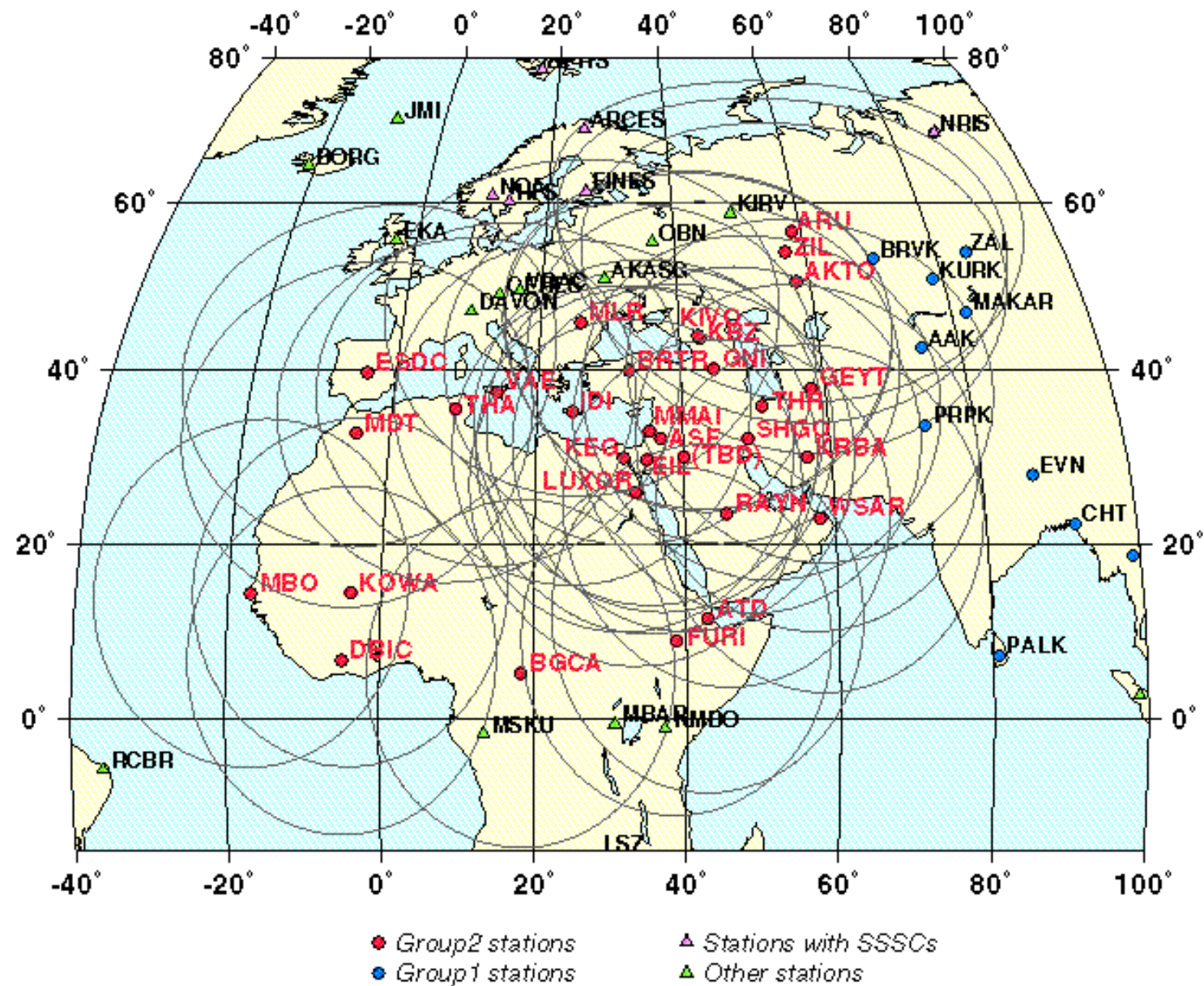
Group 2 Consortium



DTRA Review Meeting
Center for Monitoring Research
05 March 2001



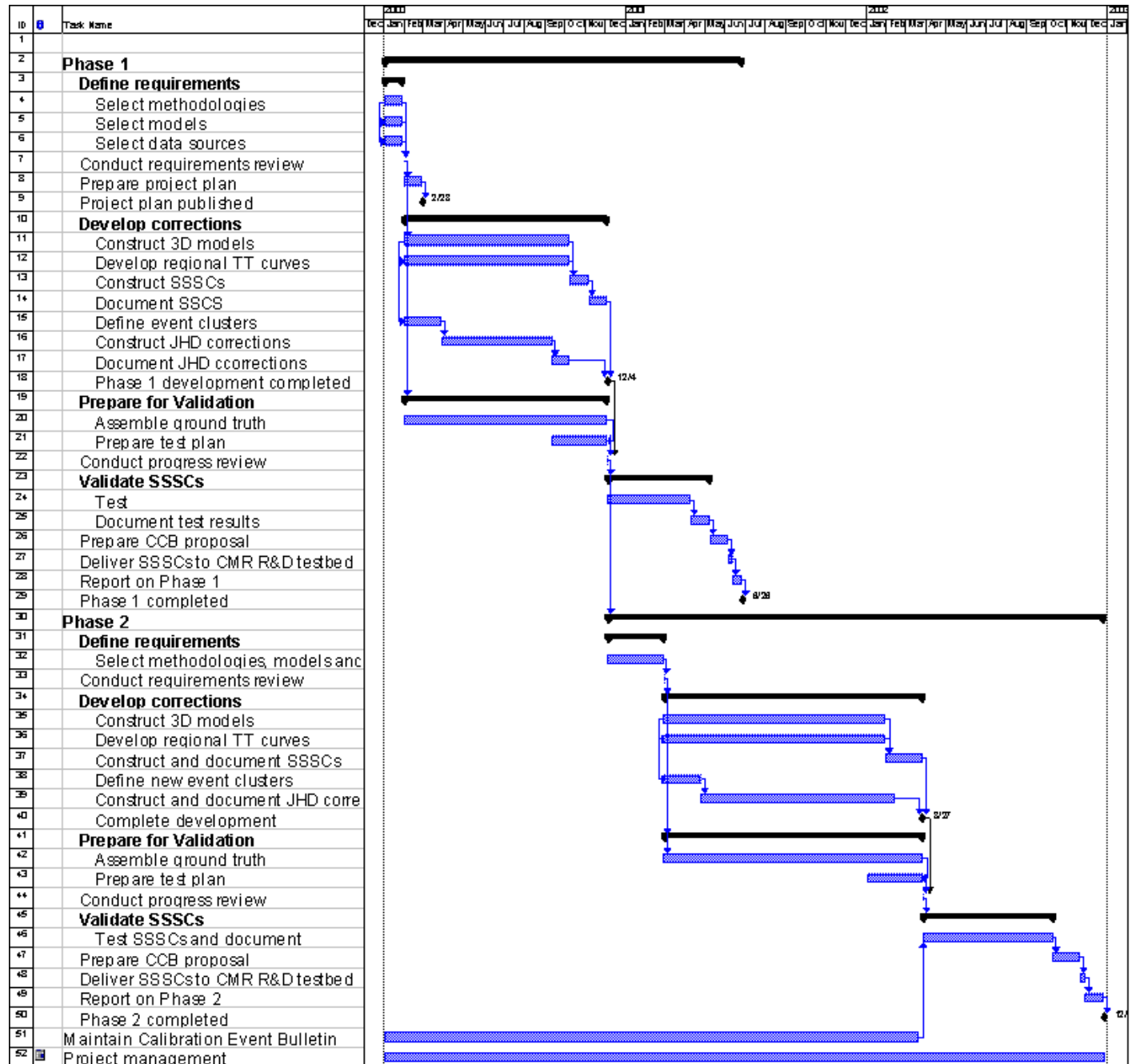
Group-2 Consortium region of interest



3 Year – 2 Phase project

- Preliminary SSSCs delivered in 18 months
 - 1st cut models based on existing data & models
 - Conservative modeling error
 - Highlight problem regions & technical issues
 - 10 km deep sources only
 - CCB in November/December 2001
- Refined SSSCs delivered in 36 months
 - Resolve technical issues
 - Focus on problem areas & modeling error
 - Add depth dependence
 - More calibration & GT data will be available
 - CCB in December 02 /January 03

Schedule



March 5, 2001

<http://g2calibration.cmr.gov>

- GT origins, arrivals, metadata
- 1D/3D Velocity models, Regionalization maps
- Intermediate results for exchange between consortium members
- Interface to database
- Project plans/schedules...
- Progress reports..
- Agendas/minutes..
- Papers, reports, presentations, ...
- Links to contributors...

Short Term Plans

- ✓ Data Delivery Plan, Dec 00
- ✓ Draft Validation Test Plan, Mar 01
- Phase 1 R&DTB Delivery, Jun 01
- Phase 2 Plan Start, Jun-Sep 01
- Phase 1 R&DTB Validation, Jun-Aug 01
- Phase 1 CCB Proposal, Nov 01

Phase 1 Status

- Status of Reference Event Collection - Bondar
- Status of Cluster Analysis - Israelsson
- Status of Model Construction – Bhattacharyya
- Status of Model Validation Plans - Yang

